

Engineering Inspiration

7th Annual WES Student Conference

Aston University, Birmingham

Fri 20 - Sat 21 Nov 2015



Welcome

A warm welcome to the WES Student Conference 2015, the largest UK conference for female engineering students. This conference was set up in 2009 as part of the WES 90th anniversary, with legacy money from Doris Gray, a lifelong WES member and supporter who was a biochemist but had always wanted to be an engineer. Doris' legacy was to inspire women to become engineers in Scotland; her initial legacy, through the student conference now covers the whole of the UK.

The event returns to Aston University for the fourth time this year, with representations from 29 universities. 122 students, 23 speakers and 4 trainers are attending.

The conference aims to:

- + Demonstrate the exciting opportunities available within engineering
- + Connect students and companies
- + Provide Continuing Professional Development training
- + Create a productive networking environment

The latest statistics show that only 58% of females studying engineering will become engineers; our objective is to increase this percentage by inspiring you as students to pursue a career in engineering and to demonstrate that as a female engineer you are in high demand.

This conference gives you the opportunity to hear from engineers working both in industry and academia. There is an excellent range of presenters, from recent

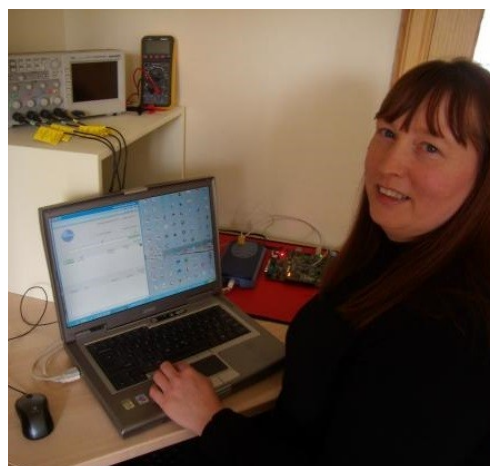
graduates to senior managers, professional trainers and for the first time ice-breaker sessions run by Techniquist Glyndŵr. You are encouraged to network with the presenters, trainers, company representatives and WES members during breaks and over dinner on Friday evening.

Our sponsorship has grown this year with two new headline sponsors: Dialog Semiconductor and Proctor and Gamble and two returning headline sponsors: BAE Systems and Selex ES. We also have four additional sponsors: Aston University, BP, Instron and Mars. This conference would not be possible without these sponsors and I would like to extend a huge thanks to them.

I hope you all have an enjoyable and inspirational experience at the conference; forge many new friendships, whether you are a student, presenter, trainer, sponsor or helper.

Dr Carol Marsh

WES Student Conference Chair 2015



Programme

Fri 20 Nov

12.30 – 1.30 Registration (lunch is not provided today)

1.30 – 3.00 Welcome

*Chair: **Dr Carol Marsh**, WES Conference Chair and Selex ES*

Aston University Welcome: **Professor Alison Hodge**

Keynote Address: **Rebecca Fradley-Stokes**, Dialog Semiconductor

Keynote Address: **Kay Plumley**, Proctor & Gamble

3.00 – 3.30 Refreshments in the Courtyard Lounge

3.30 – 4.30 Panel Session: Electronics & Materials

*Chair: **Maeve Higham**, Instron*

Speaker: **Kate Cobden**, Altera

Speaker: **Isabella Panella**, UTC Aerospace

3.30 – 4.30 Panel Session: Academia or Industry - a Fork in the Road?

*Chair: **Sarah Sordy**, Mars*

Speaker: **Aziza Mahomed**, Birmingham University

Speaker: **Dani Strickland**, Aston University

4.30 – 5.30 Icebreaker sessions

Techniquet Glyndŵr

6.45 – 10.00 Networking, Dinner and Entertainment

6.45 Networking and drinks in the Courtyard Lounge. Meet the sponsors and speakers.

7.30 Dinner in the Courtyard Restaurant. Find your place at the table.

All food is Halal supply.

After Dinner Speaker: **Naomi Climer**, President, IET

Cash bar in the Courtyard Lounge after dinner.

Programme

Sat 21 Nov

Please arrive at 9am for a prompt start

9.10 – 10.30 Welcome back

*Chair: **Dr Carol Marsh**, WES Conference Chair and Selex ES*

Dawn Bonfield, WES

Kat Young, WES Student Group representative, Supporting Women in Engineering At York

Keynote Speaker: **Naomi Mitchison**, Selex ES

Keynote Speaker: **Anne Madsen**, BAE Systems

10.30 – 11.00 Refreshments in the Courtyard Lounge

11.00 – 12.30 CPD Sessions:

CPD 1: Insights into Strengths Based Leadership

Jan Peters, Katalytik Ltd

CPD 2: Professional Membership

Victoria Batchelor, IMechE

CPD 3: CVs & Interviews with Impact

Stephanie Leddington, Selex ES

CPD 4: Building Self-Confidence

Amanda Alexander

12.30 – 1.30 Lunch in the Courtyard Restaurant

Sat 21 Nov (cont.)

12.30 – 1.30 Lunch in the Courtyard Restaurant

1.30 – 3.00 CPD Sessions:

Sessions are repeated, see 11.00 -12.30

3.00 – 3.30 Refreshments in the Courtyard Lounge

3.30 – 4.30 Panel Session: Energy & Risk

Chair: Esther Hills, BP

Speaker: **Mishel Mutenare**, Scottish & Southern Energy

Speaker: **Cathy Sinclair**, FM Global

3.30 – 4.30 Panel Session: Alternative Engineering

Chair: TBC

Speaker: **Richard Kirk**, PolyPhotonix

Speaker: **Sharon Ross**, Mars Petcare UK

4.30 – 5.00 Plenary session

Chair: Dr Carol Marsh, WES Conference Chair and Selex ES

5.00 conference closes